

CATEGORY: Consent

DEPT.: Public Works

TITLE: 2000-01 Water Main and Sewer Main Replacements, Projects 01-20 and 01-21—
Approve Plans and Specifications

RECOMMENDATION

Approve plans and specifications for 2000-01 Water Main and Sewer Main Replacements, Projects 01-20 and 01-21, and authorize staff to advertise the project for bids.

FISCAL IMPACT

The 2000-01 Water Main and Sewer Main Replacements, Projects 01-20 and 01-21, were funded as part of the 2000-01 Capital Improvement Program (CIP) in the amount of \$1,084,000 from Water Fund and \$1,000,000 from Wastewater Fund, respectively, for a total project budget of \$2,084,000. The estimated project cost is \$2,200,000 to complete the work.

Staff recommends advertising the project to determine the low bid. If the project cost based on the low bid comes in higher than the budget, staff will recommend transferring funds from the 2001-02 annual water and sewer main replacement projects to augment the budget when a construction contract is awarded. Transferring funds between annual utility maintenance projects is sometimes necessary as it is not possible to exactly match the quantity of replacements to be done in one year to the budget. The goal of these annual projects is to complete the work on a street in one year to avoid disrupting the neighborhood twice and take advantage of the economy of scale that comes from completing the entire length of street in a single project.

BACKGROUND AND ANALYSIS

Each year, the City implements several utility infrastructure maintenance projects to rehabilitate or replace substandard or end-of-service-life utility mains and services to ensure reliable service delivery to its citizens. 2000-01 Water and Sewer Main Replacements, Projects 01-20 and 01-21, include replacement of approximately 6,800 linear feet of water main and approximately 6,700 linear feet of sewer main on Thompson Avenue, Thompson Square, Mardell Way, Betlo Avenue, Ruth Avenue and Marcelyn Avenue (see Attachment 1). These mains are undersized and nearing the end of their service lives. This project will provide larger water and sewer mains and new service laterals.

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Projects 01-20 and 01-21 were designed together because they include both water main and sewer main replacements on the same streets. This combination of projects provides a more efficient design and construction process and minimizes the time during which the neighborhoods are disturbed by construction.

The total project cost is estimated to be as follows:

Construction (including \$120,000 construction contingency)	\$1,730,000
Engineering Design Services	190,000
Construction Inspection and Testing	75,000
City Design Plan Checking and Coordination	<u>70,000</u>
Subtotal	\$2,065,000
City Administration @ 6.5%	<u>135,000</u>
TOTAL PROJECT COST	<u>\$2,200,000</u>

The construction is anticipated to begin in April 2003 and be completed by July 2003.

In accordance with the provisions of the California Environmental Quality Act (CEQA), this project is categorically exempt as repair and maintenance of an existing facility.

PUBLIC NOTICING—Agenda posting.

Prepared by:

Approved by:

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RZ/6/CAM
906-01-28-03M-E^

Attachment: 1. Location Map

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cc: APWD—Ko, DE, PCE—Le, SPM—Callan, AE—Zarghampour, SAA—Irwin, CE, F/c